## Query 10

## Query:

SELECT CalYear, CalQuarter, Name, SUM(ExtCost) AS CUSTSUM,Count(\*) AS INVCOUNT FROM Inventory\_fact,date\_dim,cust\_vendor\_dim

WHERE Inventory\_fact.DateKey = date\_dim.DateKey

AND Inventory\_fact.CustVendorKey = cust\_vendor\_dim.CustVendorKey

AND (date\_dim.CalYear = 2011 or date\_dim.CalYear = 2012)

AND Inventory\_fact.TransTypeKey = 5

GROUP BY GROUPING SETS(Name, ROLLUP(CalYear, CalQuarter))

ORDER BY CalYear, CalQuarter, Name;

Output:31 rows

| CALYEAR CALQUARTER NAME |             | CUSTSUM    | INVCOUNT |  |
|-------------------------|-------------|------------|----------|--|
| 2011                    | 1           | 100936873  | 1032     |  |
| 2011                    | 2           | 105354913  | 1053     |  |
| 2011                    | 3           | 102833662  | 1033     |  |
| 2011                    | 4           | 99511068   | 1016     |  |
| 2011                    |             | 408636516  | 4134     |  |
| 2012                    | 1           | 101495171  | 1018     |  |
| 2012                    | 2           | 101734934  | 1041     |  |
| 2012                    | 3           | 104746562  | 1074     |  |
| 2012                    | 4           | 105978328  | 1055     |  |
| 2012                    |             | 413954995  | 4188     |  |
|                         | Customer 1  | 42394987.3 | 424      |  |
| LYEAR CALO              | UARTER NAME | CUSTSUM    | INVCOUNT |  |

| Script Output X                           |          |    |           |          |  |  |
|---|----------|----|-----------|----------|--|--|
| 🏲 🧽 🖥 💂   Task completed in 0.063 seconds |          |    |           |          |  |  |
|   | Customer | 2  | 41472138  | 391      |  |  |
| CALYEAR CALQUARTER                        | NAME     |    | CUSTSUM   | INVCOUNT |  |  |
|   | Customer | 20 | 40287693  | 419      |  |  |
|   | Customer | 3  | 40680456  | 410      |  |  |
|   | Customer | 4  | 40990684  | 410      |  |  |
|   | Customer | 5  | 38657564  | 400      |  |  |
|   | Customer | 6  | 38141988  | 401      |  |  |
|   | Customer | 7  | 40345742  | 407      |  |  |
|   | Customer | 8  | 44576414  | 446      |  |  |
|   | Customer | 9  | 41201776  | 424      |  |  |
|   |          |    | 822591511 | 8322     |  |  |

31 rows selected.